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PTO/SB/21 (09-04)<sup>1</sup>Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number	10/796,363
Filing Date	March 9, 2004
First Named Inventor	Dick L. Knox
Art Unit	2832
Examiner Name	Tuyen T. Nguyen
Attorney Docket Number	104-30465

**ENCLOSURES (Check all that apply)**

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>1. Fee Transmittal (no fee);<br>2. Supplemental Response to Restriction Requirement Mailed 12/13/2005 and 03/23/2006; and<br>3. Postcard. |
|---|--|--|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Bracewell & Giuliani LLP		
Signature	<i>James E. Bradley</i>		
Printed name	James E. Bradley		
Date	<i>April 12, 2006</i>	Reg. No.	27,536

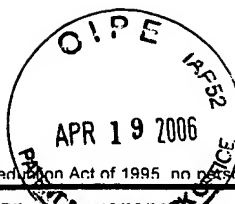
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Dora Rios</i>		
Typed or printed name	Dora Rios	Date	<i>4-13-06</i>

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective 12/08/2004  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

**Complete if Known**

Application Number	10/796,363
Filing Date	March 9, 2004
First Named Inventor	Dick L. Knox
Examiner Name	Tuyen T. Nguyen
Art Unit	2832
Attorney Docket No.	104-30465

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 02-0249 Deposit Account Name: Baker Hughes

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	0
Plant	200	100	300	150	160	80	0
Reissue	300	150	500	250	600	300	0
Provisional	200	100	0	0	0	0	0

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Small Entity	
Fee (\$)	Fee (\$)
50	25
200	100
360	180
Multiple Dependent Claims	
Fee (\$)	Fee Paid (\$)
	0

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
0	- 20 or HP =	0	x 0 = 0

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
0	- 3 or HP =	0	x 0 = 0

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		0

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

Fees Paid (\$)

0

0

**SUBMITTED BY**

Signature	<u>James E. Bradley</u>	Registration No. (Attorney/Agent)	27,536	Telephone	713-221-3301
Name (Print/Type)	James E. Bradley	Date	<u>April 12, 2006</u>		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)**

I hereby certify that this correspondence is being forward to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, by First Class U.S. Mail, on the date indicated below.

Date

4-13-2006

Dora Rios

*Dora Rios*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Patent Application of:

Dick L. Knox

Serial No.: 10/796,363

Filed: March 9, 2004

For: SYSTEMS AND METHODS FOR  
DRIVING LARGE CAPACITY AC  
MOTORS

)  
) Confirmation No. 2249  
)

) Examiner: Tuyen, Nguyen T.  
)

) Group Art Unit: 2832  
)

) Attorney Docket No. 104-30465  
)  
)

**SUPPLEMENTAL RESPONSE TO RESTRICTION REQUIREMENT**  
**MAILED DECEMBER 13, 2005 AND MARCH 23, 2006**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 20231-1450

Dear Sir:

In response to the restriction requirement set forth in the Office Action mailed December 13, 2005, Applicant provisionally elected Group 1 with traverse for the reasons described in the previously filed response dated January 6, 2006. In accordance with the Office Action mailed December 13, 2005, and the Office Action mailed March 23, 2006, Applicant provisionally also elects species/embodiment 1, FIGS. 1-5, also with traverse. Claims 1-20 read upon the elected embodiment.

Applicant respectfully submits that the species restriction is improper because the embodiment(s) illustrated in FIGS. 6-12 are not independent and distinct from the exemplary embodiment shown in FIGS. 1-5 listed by the Examiner as "embodiment 1." For example, FIGS. 6 and 7 depict a partial circuit diagram of the transformer shown in FIGS. 2-5 having their secondary winding 32 connected in a Delta and in a Wye configuration, respectively, as known to those skilled in the art. FIG. 8 is a partial circuit diagram of the transformer shown in FIGS.

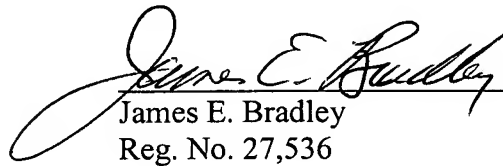
2-5 showing capacitors 22. FIG. 9 is a partial circuit diagram of the transformer shown in FIGS. 2-5 illustrating the capacitors 22 configured in any a Delta and a Wye configuration as known to those skilled in the art. FIGS. 10 and 11 are partial circuit diagrams of the transformer shown in FIGS. 2-5 illustrating two methodologies of bypassing the inductors 21. FIG. 12 is a partial circuit diagram of a transformer tap array capable of being utilized with the transformer shown in FIGS. 2-5.

Respectfully submitted,

Date:

*April 12, 2006*

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